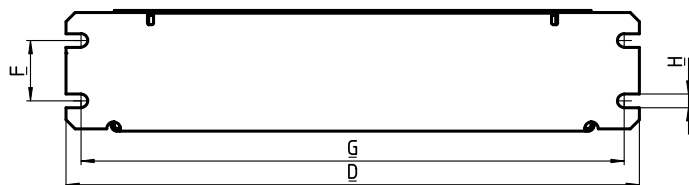
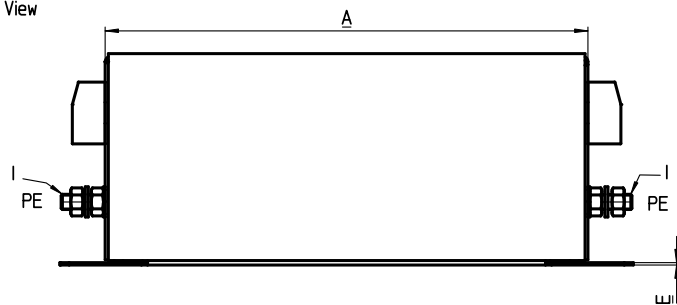


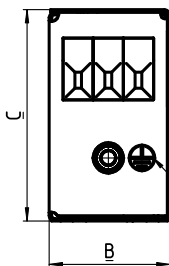
Bottom View



Side View

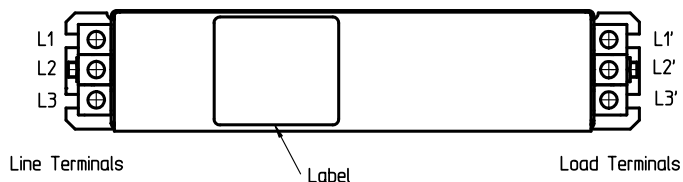


Front View



Coined Earthing Symbol
on both sides

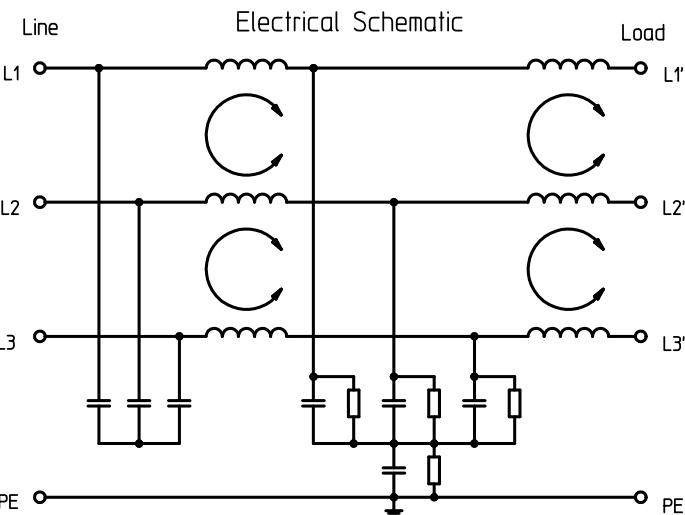
Top View



Dimensions

	7BCF10	16BCF10	30BCF10	42BCF10	55BCF10	75BCF10	100BCF10	130BCF10	180BCF10	Tol.
A	160	220	240	280	220	240			350	±1
B	40	45	50		85	80	90 ±0,8		120 ±0,8	±0,6
C	70 ±0,6		85		90	135 ±1	150 ±1		170 ±1	±0,8
D	190	250	270	310	250	270			380	±1
E	0,8				1					±0,1
F	20	25	30		60		65		102	±0,3
G	180	235	255	295	235	255			365	±0,5
H	4,5	5,4				6,5				±0,2
I	M5			M6			M10			---

all dimensions in mm



Specifications

	7BCF10	16BCF10	30BCF10	42BCF10	55BCF10	75BCF10	100BCF10	130BCF10	180BCF10	
Voltage	3phase 480/277 VAC									
Frequency	50Hz / 60Hz									
Rated current @50°C	7A	16A	30A	42A	55A	75A	100A	130A	180A	
max leakage current	33mA @400VAC/50Hz									
Operating temperatur	-10°C to +55°C (derating on request)									
Storage temperature	-25°C to +100°C									
Wire range solid	0,2-6mm ²		0,5-16mm ²		0,5-25mm ²		6-35mm ²		25-95mm ²	
Wire range flex	0,2-4mm ²		0,5-10mm ²		0,5-16mm ²		10-25mm ²		35-95mm ²	
max torque terminals	0,8Nm		1,8Nm		2,3Nm		4,5Nm		8Nm	20Nm
max torque PE	3Nm			8Nm			20Nm			
Housing	CRS zinc plated									
Protection Category	IP20									
Approvals	UL and VDE									

All materials and finishes comply with RoHS directive.

High voltage test

phase-phase 2100VDC for 2sec.
phase-earth 2650VDC for 2sec.

Type	Corcom PN	TYCO PN
7BCF10	F8232	0-160989-1
16BCF10	F8233	0-160989-2
30BCF10	F8234	0-160989-3
42BCF10	F8235	0-160989-4
55BCF10	F8236	0-160989-5
75BCF10	F8237	0-160989-6
100BCF10	F8238	0-160989-7
130BCF10	F8239	0-160989-8
180BCF10	F8240	0-160989-9

PART NO:		PART NAME:		MATERIAL/SURFACE:		OPTIONAL DESCRIPTION:	
PART LIST							
TOLERANCES UNLESS OTHERWISE SPECIFIED ACCORDING TO ISO 8015 AND ISO 2768-M							
DIMENSIONS: mm							
test dimen. / Prüfmaß: () ; auxil. dimen. / Hilfsmaß: () ; theor. dimen. / theor. Maß: () ;							
production control dimen. / Fertigungs-kontrollmaß: () ; dimen. for measure. technology / messtechn. rel. Maß: () ;							
DEPARTMENT		R & D RSF		DATE		REVISION	
DRAWER		09.07.2008		Weiden		Tyco Electronics	
CHECKED				Mader			
APPROVED							
ECR-NO:		DATE		NAME		INFO	
3,1		9-7-08		WEIH		New Tyco Logo	
SCALE:		NAME:		DWG NO:		REVISION	
1:1				BCF Series		1609989	
				Customer Drawing		CRF8232-CRF8240	
SIZE: A2		REPLACEMENT FOR:		DWG LOC NO: F		SHEET: 1 OF 1	